



"EXPRESS MAIL" MAILING LABEL NO. EL440665795US

DATE OF DEPOSIT: 5 November 1999

I HEREBY CERTIFY THAT THESE PAPERS AND FEE ARE BEING
DEPOSITED WITH THE UNITED STATES POSTAL SERVICE
"EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE
UNDER 37 CFR 1.10 ON THE DATE INDICATED ABOVE AND
IS ADDRESSED TO BOX PATENT APPLICATION, ASSISTANT
COMMISSIONER FOR PATENTS, WASHINGTON DC 20231.

JOHN DORSEY

(NAME)

John Dorsey
(SIGNATURE)

"PATENTS"

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
RONALD C. MULLIN ET AL.)
)
SERIAL NO.: Unknown)
)
FILED: Herewith)
)
FOR: DIGITAL SIGNATURES ON A)
SMARTCARD)



Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

INFORMATION DISCLOSURE STATEMENT

Applicant hereby cites the documents listed in accompanying Form PTO-1449 with respect to the above-referenced patent application under the provisions of 37 C.F.R., Sections 1.56, 1.97 and 1.98. Copies of the documents are not attached as they were filed in the parent application.

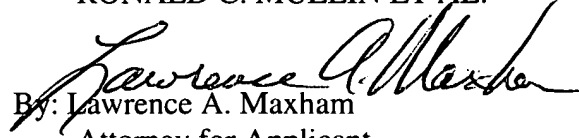
The filing of this Information Disclosure Statement will not be construed to mean that a search was conducted or that no other material information, as defined by 37 C.F.R. 1.56, exists.

It is Applicant's opinion that the essential features of the invention are neither described in nor obvious from any of the references mentioned above, whether taken individually or in any reasonable combination.

The Examiner is respectfully requested to make the listed documents of record in connection with the prosecution of the subsection application.

Respectfully submitted,

RONALD C. MULLIN ET AL.


By: Lawrence A. Maxham
Attorney for Applicant
Registration No. 24,483

BAKER & MAXHAM
Symphony Towers
750 "B" Street, Suite 3100
San Diego, California 92101

Telephone: (619) 233-9004

Form PTO-1449

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION***(Use Several Sheets If Necessary)*

Docket N .: 2189-020

Application No. : Unknown

Applicant: R nald C. Mullins et al.

Filing Dat : Herewith

Group Art Unit: Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,146,500	9/92	Maurer	380	30	
	5,159,632	10/92	Crandall	380	30	
	5,271,061	12/93	Crandall	380	30	
	5,272,755	12/93	Miyaji et al.	380	30	
	5,351,297	9/94	Miyaji et al.	380	30	
	5,442,707	8/95	Miyaji et al.	380	30	9/27/93
	5,463,690	10/95	Crandall	380	30	9/17/91
	5,497,423	3/96	Miyaji	380	30	6/20/94

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Evangelos Kranakis, "Primality and Cryptography"; (John Wiley & Sons; New York; 1986); pp.98-99.
	Bruce Schneier, "Applied Cryptography"; (John Wiley & Sons; New York; 1994); pp.39-41.
	Michael Luby, "Pseudorandomness and Cryptographic Applications"; (1996); p. 51.
	Noam Nissan. "Using Hard Problems to Create Pseudorandom Generators"; (published as "An ACM Distinguished Dissertation (1990) in 1992).

EXAMINER**DATE CONSIDERED**

EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

(2/92 PTO)